



FARMS

The Vision

Be a Pioneering Force
in **Hemp Genetics**
& **Cultivation**



Company Overview

Root 66 Farms is made up of entrepreneurs, agronomists and geneticists all passionate about bringing commercial hemp cultivation to new heights.



Once home to a beautiful equestrian ranch, situated along the historic Route 66 Highway. Farm & ranch fell into disrepair and sat idle for many years...including the last remaining, iconic Meramec Caverns barn.

Working with the Route 66 Preservation Society, the ranch and iconic barn are being restored to their former glory and turning Meramec Caverns Ranch into a Nexus for hemp genetics, research and cultivation.



100% ORGANIC & SUSTAINABLE FARMING

- Mark Doudlah (Doudlah Farms) spearheading organic program
- Help farming community to adopt organic growing methods and transition to industrial hemp (both CBD/CBG and fiber)

Seeds | Starts | Clones Flower / Biomass



Cultivation/Learning Center
(Evansville, WI)



2 Certified Organic Farms
(Evansville, WI & Pontiac, IL)



DATA / COMPLIANCE LEADER

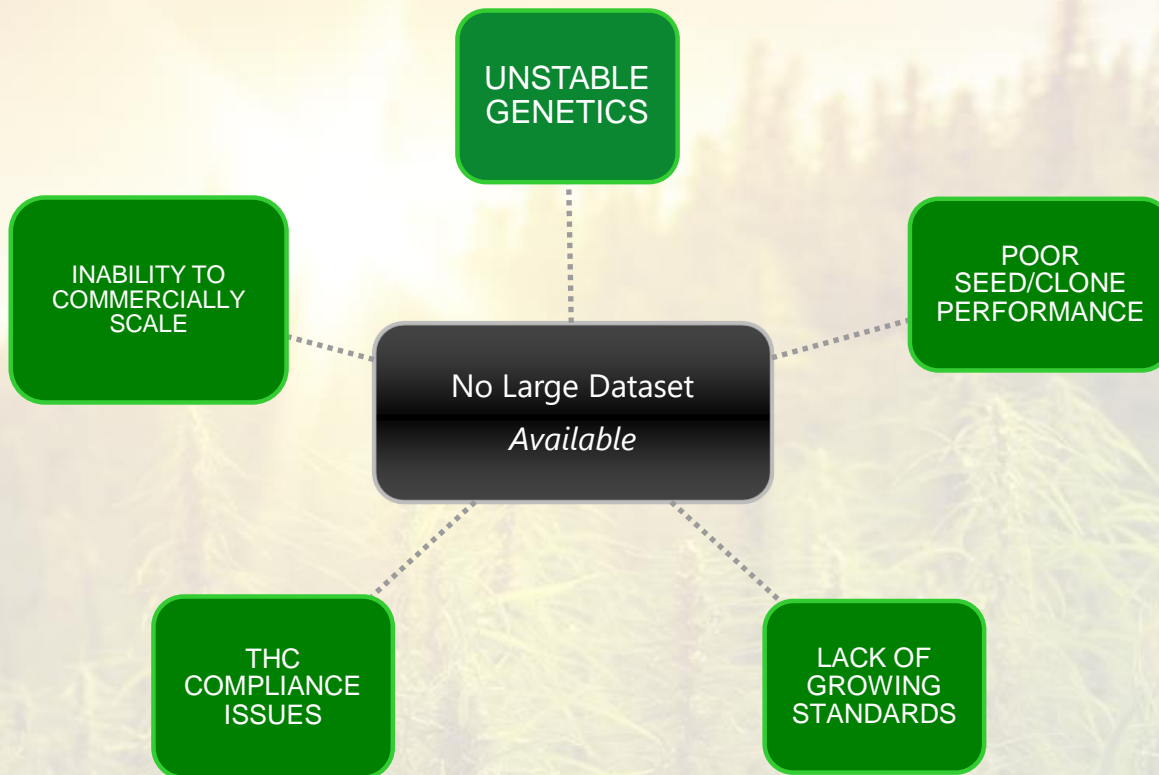
- Strategic Partner providing Plot-to-Purchase compliance software built on blockchain connecting to farmers in real-time
- Creating largest (coast to coast) database on hemp farming with hundreds of datapoints per farm
- Will allow for precision matching of genetics and growing methods based around soil and climate type



BREAKTHROUGH TECH

- proprietary microbial bio-stimulant offering 20-30% higher yields per plant
- Bioinformatics used in marker-assisted breeding program focusing on new cannabinoid and terpene-rich plant profiles based on data collected in program // plans to move to tissue culture by Q3
- Land-race crosses to create healthy, stable lines that thrive in their native environment

The Problem



The Solution



HEMP FARMING DATA

GENETICS

Plant genetics engineered specifically for each soil type and microclimate

HORTICULTURE

Data-driven SOPs implemented for seeds and clones using pro microbial rooting tech

AGRO

Improved efficiencies in water treatments, soil amendments and fertigation methodologies

COMPLIANCE

Type IV chemovars bred without CBCA reducing THC to near zero levels

Our Products

SEEDS \$0.40 - \$1.00/seed

- Wholesale partner seeds for 2020
- All-organic offering in 2021
- Lowest prices - with increased efficiencies at scale, will be able to drop price of seeds further undercutting competitors in market

CLONES \$2.00 - \$4.00/clone

- Exclusive Root 66 Farms strains
- 100% feminized / 100% germinated and hardened
- Certified organic clones coming in 2020
- Microbial rooting process offers 10 – 15% higher yields per plant
- Will be started from tissue culture later this year

STARTS \$1.00 - \$2.50/clone

- Exclusive Root 66 Farms strains
- 100% feminized / 100% germinated and hardened
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Year-Round Market Strategy



BIOMASS \$20 - \$25/lb

- 100% organic CBD and CBG biomass grown for crude & distillate
- Proprietary cultivation methods offering 10 – 15% higher yields per acre
- “No-dry” harvesting method

FLOWER \$200 - \$300/lb

- Greenhouse grown – pest/mold/disease free
- Exclusive 100% organic Root 66 Farms high CBD/CBG strains
- Minor cannabinoid strains coming in 2020 (CBC, CBN, Varins)
- Both delta-9 and total THC compliant strains

PROCESSED MATERIAL \$1500-\$2000/liter

- Exclusive relationship with new processing technology by Big Ag company (releasing in August)
- Will allow for massive scale at fractions of current costs using breakthrough room temperature solvent
- Exclusive relationships with manufacturers to purchase processed material from Root 66 Farms



Secret Sauce / IP



KoRE Organic Bio-Stimulant

Bacterial and fungal species in the KoRE colony work together in clusters to support plant growth along the rhizosphere primarily by delivering nutrients and preventing disease

- 20-30% increase in total cannabinoid production
- 15-20% increase in plant weight and size
- increase in essential oil and terpene production

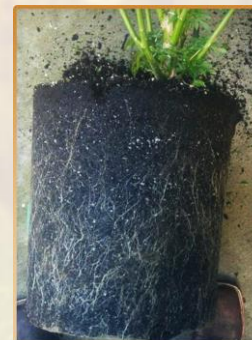


100% Organic Cloning Process

- Proprietary system that uses 100% organic inputs throughout the cloning and rooting processes
- Utilizes microbial bio-stimulant and sees 15 - 20% higher yields per plant

100% Organic Genetics

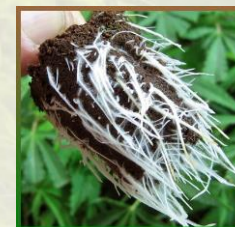
- Will have the ability to create entire lines of new stable genetics from organic sources
- Native cultivar program will include landraces in WI and IL crossed with organic lines created by Root 66 Farms



Without Bio-Stimulant



With Bio-Stimulant



Go To Market Strategy



STATE GOVT HEMP PROGRAMS

- State hemp program rollouts for compliance software (through Hempliance)
- Early access to farmers in each state
- Preferred vendor status for seeds, starts and clones

FARMER NETWORK

- Over 5000 farmers and co-ops throughout Midwest, East Coast (New England) and West Coast (WA, OR, CA)
- Will provide free sensor equipment to farms who partner with Root 66 for data collection program

TRADE ASSOCIATIONS

Traction through leading Hemp and Organic Foods associations & networks

- NHA and HIA
- State Farm Bureaus
- National Industrial Hemp Council
- US Hemp Roundtable
- MOSES
- Michael Fields Institute

ILLINOIS

- Partnership launch with Route 66 Preservation Society
- Off-campus teaching facility for Universities
- Home on property turned into meeting / teaching area where Route 66 will sponsor many of the local groups and associations
- R&D in the development of commercial industrial hemp (fiber)

WISCONSIN

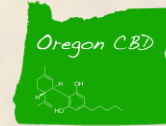
- Offer exclusive organic inputs (seeds, clones, starts) thru special relationship with Doudlah Farms, MOSES and Michael Fields Institute
- Pantheon Spring Hemp Summit
- Doudlah Farms Field Day (Summer)

TEXAS

- Exclusive master distributor relationship with certified seeds, clones and starts through Black Valley Seeds
- First-to-market with exclusive 'Made in Texas' branded Clones and Seedlings

Competitive Analysis

DATA
RESEARCH & DEV
DRIVEN



LOW COST
LESS STABLE
MODEL

NICHE
NEXT-GEN
MODEL



MARKET SHARE
DRIVEN

Leadership Team



Nathan Tumulty, Co-Founder/CEO

Serial entrepreneur with 8+ years experience in the hemp and cannabis space. Previously was CEO of portable vape manufacturer TAO Electronics where they were to launch Cannabis-related products on major retail platforms such as Groupon and in C-stores. He has overseen global distribution of cannabis consumables and raw material for the last 6 years. He also served as CTO of Noble Partners, a CBD manufacturing company, that developed the transdermal formulations used to launch Curaleaf's line of CBD transdermal products in Walgreens and CVS.

Dr. Sayeed Syed, Co-Founder/COO

Internal medicine doctor based in Chicago and has extensive laboratory history working with opioid addiction and Family owns numerous agricultural properties including Meramec Caverns Ranch (Pontiac, IL). Currently advises numerous asset managers from publicly traded multi billion wealth management firms. Has successfully operated three commercial hemp operations in CA, WI and CO. Works with various international governments on medicinal cannabis protocols and advises on tactical law enforcement strategies to prevent the rise of the black market. Successfully completed several multi-million dollar raises for various entities through Canaccord Genuity.

Mark Doudlah, Dir of Organic Farming

4th Generation Farmer. Leader and pioneer in organic / no-till farming in the Midwest. Educator and Key-Note speaker. Graduated from University of Wisconsin-Madison (1989) with a degree in Agricultural Mechanization and Management. One of the first farmers to successfully grow hemp organically in Wisconsin. Previously was President of Agrecol for more than a decade taking native seed industry to a new level of cleanliness, seed flow availability and PLS. Currently has a seat on the Cropping Systems Trail Advisory Board of Rodale Institute. Wisconsin Organic Advisory Council, who's purpose is to give guidance to the Governor DATCP, WI Legislature and other State or Federal Agencies. Member of American Society of Agricultural Engineers. Projects with Universities, i.e. Winter Pea Breeding Projects & Crimped Cereal Rye. Has been featured in Agri-View, Wisconsin State Farmer and Rodale's Organic Life Magazine.

Partners & Resources



IL Route 66's mission is to enhance and promote economic opportunities for each Illinois Route 66 community. Working together, we will be raising awareness about hemp while increasing heritage and cultural tourism.



Hempliance provides plot-to-purchase compliance software built on blockchain, and one of our premiere partners allowing Root 66 Farms to communicate in near real-time with farmers in the field.



Pantheon Industries is a non-profit organization which strives to help individuals with disabilities achieve their full employment potential. Pantheon will serve as a base of operations for Root 66 in Wisconsin.



MOSES educates, inspires, and empowers farmers to thrive in a sustainable, organic system of agriculture. Helping to drive Root 66 Farm's organic programs, they are the certifying body of choice for the Midwest.

MICHAEL FIELDS
AGRICULTURAL INSTITUTE



Michael Fields Institute is a leading agriculture research facility in the Midwest and has a national reach through their many collaborations. Root 66 has an exclusive partnership to sell cultivars through their networks.



Research Partners



Black Canyon Seeds is one of the largest national producers of hemp seed cultivars. Root 66 Farms has an exclusive partnership for the Made in Texas hemp seed program.

SIU
CARBONDALE

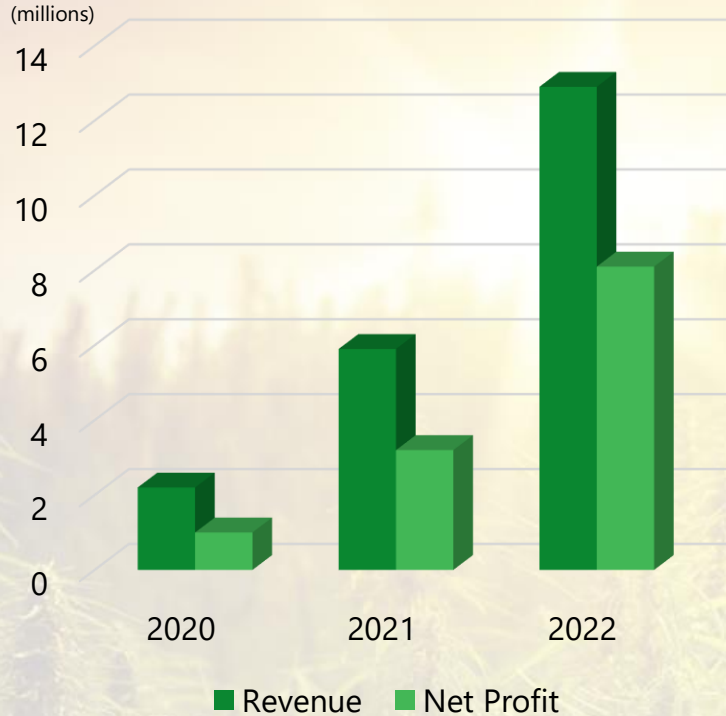
I ILLINOIS
Extension



U.S. Hemp
Roundtable



Financial Projections



2020 CapeEx would go towards purchase of the family farm in Pontiac, IL for \$175K. Property is currently valued at \$350K.

	2020	2021	2022
REVENUE	\$2,200,000	\$5,900,000	\$12,850,000
COGS	\$385,000	\$970,000	\$1,908,000
GROSS PROFIT	\$1,815,000	\$4,930,000	\$10,942,000
GROSS MARGIN	83%	84%	85%
EXPENSES			
CapEx	\$175,000	\$225,000	\$292,500
Personnel	\$445,000	\$578,500	\$752,050
Greenhouse	\$85,000	\$110,500	\$143,650
Outdoor	\$18,000	\$23,400	\$30,420
Marketing	\$25,000	\$32,500	\$42,250
Rent/Utilities	\$45,000	\$58,500	\$76,050
Travel/Conf	\$15,000	\$19,500	\$25,350
Other SG&A	\$34,000	\$44,200	\$57,460
TOTAL	\$842,000	\$1,092,100	\$1,419,730
EBIT	\$973,000	\$3,837,900	\$9,522,270
TAX	\$145,950	\$575,685	\$1,428,341
NET PROFIT	\$827,050	\$3,262,215	\$8,093,930



Use of Funds with Timeline

We are looking for 12 months financing to reach 500,000+ units sold for 2020.

\$500K

Angel Round

Initial investment opportunity

500K

Seeds, Clones & Starts

Total units

\$2M

Revenue

over 12 months

TRANCHE

T1: CapEx
T2: CapEx/Operational
T3: Expansion

AMOUNT

\$175k*
\$225k
\$100k

TIMEFRAME

Immediate
30 days
90 days

TERMS

Acquisition
Conv note 10% or loan against property

**Sold for original purchase price / appraised value is \$350k*

Contact Us



ROOT 66 FARMS



Contact Information

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